

Notice of Allowability

Application No.

10/791,970

Applicant(s)

PENG ET AL.

Examiner

Art Unit

Barbara J. Musser

1733

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the RCE dated 6/22/07.
2. ☒ The allowed claim(s) is/are 1-6,8-11,13 and 14.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 6/22/07, 8/1/07
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Continuation of Substance of Interview including description of the general nature of what was discussed: Examiner asked applicant to amend the claims to indicate the substrate was fiber cement and that the catalyst reacted with hydroxyl groups in the fiber cement to obviate the need for a rejection over Tedlar. Applicant agreed and faxed in claim pages to that effect. .

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Monique Vander Molen on 8/2/07.

The application has been amended as follows:

The claims have been amended as on the attached pages.

Reasons for Allowance

2. The following is an examiner's statement of reasons for allowance: the prior art of record does not teach or fairly suggest a method of bonding a fluorocarbon film to the top and sides of a fiber cement substrate at the same time using an adhesive wherein the adhesive includes a reactive isocyanate and a catalyst which catalyzes a reaction between the isocyanate and hydroxyl groups in the fiber cement. Regarding claim 14, the prior art of record does not teach or fairly suggest a method of bonding a fluorocarbon film to the top and sides of a substrate using an adhesive at the same time wherein the adhesive is a hot melt polyurethane adhesive. While Stevens(U.S. Patent 3,111,450) discloses using an isocyanate compound in a laminate containing a fluorocarbon film, this is not the adhesive mixture that would be applied to a substrate. Rather it is a primer layer that is applied to the fluorocarbon film and then an adhesive layer is applied to it. Therefore, the isocyanate layer would not be "formed on" the

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surface of the substrate. While Rauch(U.S. Patent 3,492,194) discloses applying a fluorocarbon film to a substrate having a texture, there is no suggestion that the film is applied to a second surface of the substrate which is perpendicular to the first or that the film is applied to all sides simultaneously. While Tedlar(NPL document) discloses bonding a fluorocarbon film to a substrate using a polyurethane adhesive, it does not suggest using such to bond it to a fiber cement board. It is noted that Peng is by the same applicant's and therefore is not art under 102(a).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara J. Musser whose telephone number is (571) 272-1222. The examiner can normally be reached on Monday-Thursday; alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Crispino can be reached on (571)-272-1226. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


BJM


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SUPERVISORY PATENT EXAMINER
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